

REMARKS

The present amendment is in response to the Office Action mailed January 07, 2005, in which Claims 1-7 were rejected, Claims 8-11 were objected to, and Claims 12-20 are allowed. Applicant has thoroughly reviewed the outstanding Office Action including the Examiner's remarks and the references cited therein. The following remarks are believed to be fully responsive to the Office Action and are believed to render the claims at issue patentable. Favorable reconsideration is requested in view of the following remarks.

Claim Rejections Under 35 U.S.C. § 102

According to the Office Action, Claims 1-6 were rejected under 35 U.S.C. § 102(e) as being anticipated by Hung (U.S. Patent 6,805,536).

Referring to Claim 1, the protrusion extends from an edge of the first axial inlet toward the center of the first axial inlet, and the protrusion covers the high air pressure region and a part of the blade member. Accordingly, when the overflowing air pressure is reached, the operational air stream will be blocked by the protrusions 206a and 206b and still flow within the flow field 218, thereby preventing the air leakage. Therefore, a higher operational air pressure can be obtained under the same rotating speed, and even the rotating speed of the fan may be further increased to get a higher operational air pressure (lines 1-6, page 5).

The protrusion covers the high air pressure region and a part of the blade member, and especially does not cross through the center of

the blade assembly. Therefore, the protrusion can reduce the influence on the inlet air.

However, the cross bar 23 of Hung has to cross over the inlet and both ends thereof are fixed on the casing for coupling the shaft 20 thereon. Therefore, the cross bar 23 occupies part of the inlet so as to influence the inlet air. Hung never teaches or suggests using the cross bar to cover the high air pressure region, therefore Claim 1 cannot be anticipated by Hung. In addition, the heat dissipation fan of Hung has a casing with an open top, and therefore the heat dissipation fan cannot compress the air into high pressure. The high air pressure can leak out the casing through the open top easily.

Hung never suggests or teaches utilizing the protrusion to prevent the air leakage at the high air pressure region. The structure, function, and results thereof are all different from those of the present invention. Accordingly, in view of the invention as a whole, Applicant respectfully submits that Claim 1 is not anticipated by the cited reference.

In addition, Claims 2-11, which depend on Claim 1, also are not anticipated by the reference cited by the Office Action. Now that the rejections in the Office Action have been overcome, withdrawal of the rejections under 35 U.S.C. § 102(e) and expedited passage of the application to issue are respectfully requested.

Claim Rejections Under 35 U.S.C. § 103 (a)

According to the Office Action, Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hung in view of Yamaguchi et al. (U.S. Patent 6,328,529B1).

Applicant respectfully traverses this rejection. Referring to Claim 1, as Applicant argues above, since Hung never discloses or teaches that the protrusion covers the high air pressure region to prevent the air leakage at the high air pressure region so as to increase the operational air pressure of the side-blown fan of the present application, Hung does not disclose all the limitations except the plurality of case elements being joined by engaging hooking structures and corresponding eye structures.

Accordingly, in view of the invention as a whole, Applicant respectfully submits that Claim 7 is not obvious in view of the cited references and respectfully requests withdrawal of the rejection under 35 U.S.C. § 103(a). Now that the rejections in the Office Action have been overcome, withdrawal of the rejections and expedited passage of the application to issue are respectfully requested.

Allowable Subject Matter

According to the Office Action, Claims 12-20 are allowed, and Claims 8-11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Since Claims 8-11 are dependent upon Claim 1, and now that the rejection to Claim 1 under 35 U.S.C. § 102(e) has been overcome

in the foregoing remarks, withdrawal of the objections to Claims 8-11 is respectfully requested.

Applicant deeply thanks the Examiner for the indication of the foregoing allowable subject matter of Claims 12-20.

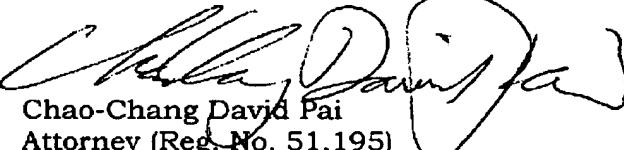
CONCLUSION

In light of the above remarks, Applicant respectfully submits that all pending claims as currently presented are in condition for allowance and hereby respectfully requests reconsideration by the Examiner. Applicant respectfully requests the Examiner to pass the case to issue at the earliest convenience.

Applicant has thoroughly reviewed the art cited but not relied upon by the Examiner. Applicant has concluded that the reference cited does not affect the patentability of the claims as currently presented.

Respectfully submitted,

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